ntrol number ME TRADE

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
or the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

Compl t if Kn wn				
Application Number	09/753,143			
Filing Date	January 2, 2001			
First Named Inventor	Nathan Ellis			
Art Unit	1652			
Examiner Name	Kathleen M. Kerr			
Attorney Docket Number	63475/263			

			U.S. PAT	ENT DOCUMENTS	
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KK	1	us- 6,221,643 B1	04-24-2001	Ellis et al.	
<u> </u>	2	us- 5,824,501	10-20-1998	Ellis et al.	
		US-			

	FOREIGN PATENT DOCUMENTS									
Examiner Cite Initials No. 1		Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6				
				A A A A A A A A A A A A A A A A A A A						
			•							

	/		
Examiner \ \(\tau \) //	/ //	0-4-	/ /
Similar State	/	Date	Glaulas
Signature / COL	- 9CA	Considered	7/24105
		000.00	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Ontomance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

The indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Compl t if Known		
				Application Number	09/753,143	
				Filing Date	January 2, 2001	
				First Named Inventor	Nathan Ellis	
				Group Art Unit	1652	
				Examiner Name	Kathleen M. Kerr	
Sheet	1	of	1	Attorney Docket Number	63475/263	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	т:
KK	3	Puranam et al., entitled "Cloning and characterization of RECQL, a potential human homologue of the Escherichia coli DNA helicase RecQ," J. Biol. Chem. (1994) 269(47): 29838-45, Nov. 1994.	
	4	Gangloff et al., entitled "The yeast type I topoisomerase Top3 interacts with Sgs1, a DNA helicase homolog: a potential eukaryotic reverse gyrase, Mol. Cell Biol. (Dec. 1994) 14(12):8391-8.	
	5	Umezu et al., entitled "Escherichia coli RecQ protein is a DNA helicase," PNAS (Jul. 1990) 87(14):5363-7.	
	6	James German, M.D., entitled "Bloom Syndrome: A Mendelian Prototype of Somatic Mutational Disease," Medicine, vol. 72, No. 6, pp. 393-406 Nov. (1993).	
	7	Nathan A. Ellis et al., "The Bloom's Syndrome Gene Product Is Homologous to RecQ Helicases," Cell, vol. 83, pp. 655-666, Nov. 17, 1995.	
8		Eberhard Passarge, entitled " A DNA helicase in full Bloom," Nature Genetics, vol. 11, pp. 356-357 Dec. (1995).	

Examiner	<i>/</i> .	4	W	Date	a hulaz	
Signature	$\propto a$	1/		Considered	9/21/03	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.